



REQUEST FOR ACTION (RFA) FORM

GLAST LAT Project
ISOC Peer Review
March 2, 2004

Action Item # 10

Presentation Section/Subject Area: Bator Sect 2 / Instrument-ISOC Interface Testing

SPECIFIC REQUEST:

Mike: It is not clear that the ISOC plans to interact with the instrument during Instrument I&T. The ISOC clearly will be supporting the GRT's and ETE Tests with the ground system, but the Instrument I&T phase offers great opportunities to verify compatibility with the ISOC and help verify ISOC functionality. The plan for ISOC testing should include plans for testing directly with the instrument independent of the ground system and ETE tests that come later in the schedule

Neil: ISOC verification plan does not appear to involve early opportunities to validate/test operational capabilities with the LAT instrument. ISOC should have verification milestones with LAT instrument, at least, during environmental tests. ISOC should have significant participation in S/C integration activities at Spectrum Astro – perhaps even being the standard test environment there.

What are ISOC plans relative to these early test opportunities?

Recommendation: Get heavily involved in these early tests. Make sure interfaces and protocols can support this early testing.

Identify and justify the date on which ISOC takes on operational responsibility of the instrument.

REASON/COMMENT:

Neil: Presentation material suggests that first verification of ISOC software and systems occur much too late.

Submitted by:

Actionee:

Neil Johnson / Mike Rackley

Organization:

NRL / GSFC 581

Review Co-Chairperson:

Mike Rackley